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IN THE CLAIMS

The claims pending in this application are set out below. No claim amendments have been made in this Response.

1. (Canceled)

- 2. (Previously amended) A composition as claimed in claim 30 wherein the enzyme of the first enzyme-anchor complex is selected for its ability to degrade a colonizing matrix.
- 3. (Previously amended) A composition as claimed in claim 30 wherein the first enzyme-anchor complex is a fusion protein.
- 4. (Previously amended) A composition as claimed in claim 30 wherein the first enzyme-anchor complex is constructed using chemical synthesis techniques.
- 5. (Previously amended) A composition as claimed in claim 30 wherein the first enzyme-anchor complex contains alginate lyase to degrade the biofilm structure.
- 6. (Previously amended) A composition as claimed in claim 30 wherein the first enzyme-anchor complex further contains DNase to degrade debris which are byproducts of the degraded biofilm structure.
- 7. (Previously amended) A composition as claimed in claim 30 wherein the first enzyme-anchor complex comprises an anchor having an alginate-binding domain.
- 8. (Original) A composition as claimed in claim 7 wherein the

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alginate-binding domain is derived from elastase.

- 9. (Original) A composition as claimed in claim 7 wherein the alginate-binding domain is derived from a glycosyltransferase enzyme.
- 10. (Original) A composition as claimed in claim 7 wherein the alginate-binding domain is derived from an alginate polymerase enzyme.
- 11. (Original) A composition as claimed in claim 7 wherein the alginate binding domain is a mannose binding lectin.
- 12. (Original) A composition as claimed in claim 7 wherein the alginate-binding domain is derived from heparin.
- 13. (Original) A composition as claimed in claim 7 wherein the alginate-binding domain is derived from fibronectin.
- 14. (Original) A composition as claimed in claim 7 wherein the alginate-binding domain is derived from Concanavalin A.
- 15. (Original) A composition as claimed in claim 7 wherein the alginate-binding domain is derived from a lectin.
- 16. (Original) A composition as claimed in claim 7 wherein the alginate-binding domain is derived from a selectin.
- 17. (Original) A composition as claimed in claim 7 wherein the alginate-binding domain is derived from the CD44 protein.

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- 18. (Canceled)
- 19. (Previously amended) A composition claimed in claim 30 wherein the second enzyme-anchor complex is a fusion protein.
- 20. (Previously amended) A composition as claimed in claim 30 wherein the second enzyme-anchor complex is constructed using chemical synthesis techniques.
- 21. (Previously amended) A composition claimed in claim 30 wherein the second enzyme-anchor complex comprises an anchor having an alginate-binding domain.
- 22. (Previously amended) A composition claimed in claim 30 wherein the second enzyme-anchor complex contains a proteinase.
- 23. (Previously amended) A composition claimed in claim 30 wherein the second enzyme-anchor complex has the capability to act on DNA.
- 24. (Previously amended) A composition claimed in claim 23 wherein the second enzyme-anchor complex contains DNase.
- 25. (Previously amended) A composition claimed in claim 30 wherein the second enzyme-anchor complex contains mucinase.
- 26. (Previously amended) A composition claimed in claim 30 wherein the second enzyme-anchor complex is a cell wall degrading enzyme.
- 27. (Previously amended) A composition claimed in claim 30

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wherein the second enzyme-anchor complex contains a glycosaminoglycan hydrolase.

- 28. (Previously amended) A composition claimed in claim 30 wherein the second enzyme-anchor complex contains a peptidoglycan hydrolase.
- 29. (Previously amended) A composition claimed in claim 30 wherein the second enzyme-anchor complex contains proteoglycan hydrolase.
- 30. (Previously amended) A two enzyme-anchor complex composition for degrading biofilm structure associated with cystic fibrosis, the composition comprising:
- a first enzyme-anchor complex comprising a first enzyme to dismantle the biofilm structure to produce biofilm components and/or byproducts and an anchor selected for its ability to attach to a surface on or proximal the biofilm structure; and
- a second enzyme-anchor complex comprising a second enzyme different from the first enzyme that has the ability to act upon the biofilm components and/or byproducts and an anchor selected for its ability to attach to a surface on or proximal the biofilm structure.

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